

Abstract

In a device for determining at least one parameter of a medium flowing in a main direction of flow in a line, which device has a part that can be inserted into the line with a predetermined orientation in relation to the main direction of flow in such a manner that a partial stream of the medium flowing in the line passes into an entry region of a channel structure formed in the part, a measuring channel, provided with a measuring element for determining the at least one parameter, branching off from the entry region and the entry region having a separation zone which is separated from the measuring channel and has at least one separation aperture, which separation aperture opens into the line at a side wall of the part, which side wall extends substantially parallel to the main direction of flow, the part advantageously has at least one wind shield which is disposed downstream of the at least one separation aperture in the direction of the main direction of flow and which projects from the side wall provided with the separation aperture.